

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended)

--1. [[An]] A gear extrusion molding machine comprising:

    a main extrusion molding device, and a drive mechanism connected to the main extrusion molding device,

    the main extrusion molding device having an upper feed inlet, a lower chamber, and a gear mechanism therein,

    the gear mechanism having a main gear and a plurality of pinions,

    a feed mechanism having the main gear, a first portion of the gear mechanism, and a containing interior,

    the feed mechanism adjacent to the upper feed inlet of the main extrusion molding device,

    a compression mechanism disposed below the feed mechanism,

    the compression mechanism having the main gear, a second portion of the gear mechanism, and a guide interior,

    a blending mechanism disposed below the compression mechanism,

    the blending mechanism having a third portion of the gear mechanism, and a blending spacing,

    a metering mechanism disposed below the blending mechanism,

    the metering mechanism having a fourth portion of the gear mechanism, and

    the lower chamber of the main extrusion molding device communicating with the

metering mechanism;

Claim 2 (currently amended)

2. [[The]] A gear extrusion molding machine as claimed in claim 1, wherein the drive mechanism has a motor device, a transmission case, and drive shaft connected to the motor device, and the drive shaft passes through the transmission case to be inserted in the main extrusion molding device.

Claim 3 (currently amended):

3. [[The]] A gear extrusion molding machine as claimed in claim 1, wherein a feed hopper is disposed on the main extrusion molding device to communicate with the upper feed inlet of the main extrusion molding device.

Claim 4 (currently amended):

4. [[The]] A extrusion molding machine as claim in claim 1, wherein a discharge pipe is disposed on the main extrusion molding device to communicated with the lower chamber of the main extrusion molding device, and the discharge pipe has an outlet.

Claim 5 (currently amended):

5. [[The]] A gear extrusion molding machine as claimed in claim1, wherein the blending mechanism and the metering mechanism are arranged transversely.

Claim 6 (currently amended):

6. [[The]] A gear extrusion molding machine as claimed in claim 1, wherein a feeding mechanism is inserted in the blending mechanism.